

Title (en)

Method of obtaining the expression or improving the rate of expression of a gene

Title (de)

Verfahren zum Erreichen der Expression oder zur Verbesserung der Expressionsrate eines Gens

Title (fr)

Procédé pour obtenir l'expression, ou pour améliorer le taux d'expression, d'un gène

Publication

EP 1826215 A3 20080402 (FR)

Application

EP 07007307 A 19900319

Priority

- EP 95107952 A 19900319
- EP 90905207 A 19900319
- FR 8903630 A 19890320

Abstract (en)

[origin: WO9011354A1] The invention concerns the targeted insertion of a foreign DNA in a site selected in the genome of eucaryote cell. The insertion site selected is found in a gene. The targeted insertion is accomplished by transfecting eucaryote cells with a vector containing the foreign DNA to be inserted flanked by two genomic sequences which are adjacent to the desired insertion site in the receiver gene. The DNA to be inserted may comprise either a coding sequence, or a regulating sequences. The flanking sequences are chosen so as to allow via homologous recombination, according to the case, either the expression of the coding sequence of the DNA to be inserted under to control of regulating sequences of the receiver gene, or the expression of a coding sequences of the receiver gene under the control of the regulating sequence of the DNA to be inserted.

IPC 8 full level

C12N 15/00 (2006.01); **A01K 67/027** (2006.01); **A61K 48/00** (2006.01); **C07K 14/47** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 5/10** (2006.01); **C12N 5/18** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/31** (2006.01); **C12N 15/85** (2006.01); **C12N 15/86** (2006.01); **C12N 15/90** (2006.01); **C12Q 1/68** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP US)

A01K 67/0275 (2013.01 - EP US); **C07K 14/47** (2013.01 - EP US); **C12N 15/85** (2013.01 - EP US); **C12N 15/8509** (2013.01 - EP US); **C12N 15/907** (2013.01 - EP US); **A01K 2217/05** (2013.01 - EP US); **A01K 2227/105** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **A61K 48/00** (2013.01 - EP US); **C12N 2800/108** (2013.01 - EP US); **C12N 2800/30** (2013.01 - EP US); **C12N 2830/00** (2013.01 - EP US); **C12N 2830/85** (2013.01 - EP US)

Citation (search report)

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AT BE CH DE DK ES FR GB IT LI LU NL SE

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